

THE PIPELINE

September 2021
Issue MC02

CHARLOTTE
WATER

A NEWSLETTER ABOUT THE MALLARD CREEK RECLAIMED WATER PROJECT

Mallard Creek to UNCC Reclaimed Water Project

Charlotte Water and its contractor B.R.S., Inc., continue to make progress on a new water main pipeline along Mallard Creek in the University area. This 10,600-foot project is part of an important reclaimed water project that is used for irrigation purposes.

Reclaimed water is reusing highly treated wastewater for a suitable and beneficial purpose – increasing efficiency and reducing waste. Reclaimed water is cleaner than the water flowing in waterways. While not suitable for drinking, it is a safe, less expensive alternative for meeting many irrigation needs.

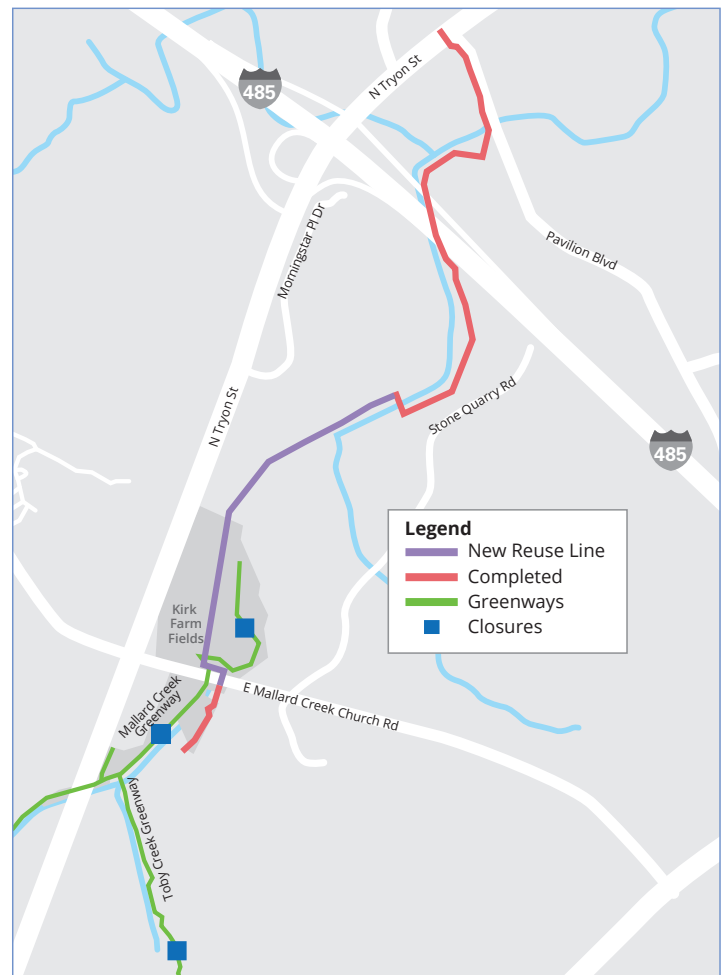
Construction for the project began in February 2021 and is expected to take 12 months to complete. Residents and businesses along the alignment will continue to see varying levels of construction. Construction schedules are subject to change, due to weather and other conditions.

Completed Work since May

- Completed pipe installation from N. Tryon Street, along Pavilion Boulevard, following Mallard Creek under I-485 and up to the creek crossing adjacent to Stone Quarry Road (see map)
- Completed pipe installation and restoration southwest of E. Mallard Creek Church Road to the end of the project parallel to the Mallard Creek Greenway
- Completed tunneling at N. Tryon Street
- Installed construction entrance off Morningstar Place Drive

Upcoming Work (Next 90 days)

- Install pipe in Kirk Farm Fields and continue northeast to Mallard Creek
- Continue restoration activities for completed work areas, including grading the soil, seeding with annual ryegrass and applying straw mulch



Additional Charlotte Water projects are taking place in the Mallard Creek area including the Toby Creek Outfall Project and Mallard Creek Basin Improvement Project. If your property is in one of these project areas, Charlotte Water will send communications about the project and associated work to keep you informed.

QUESTIONS: Please visit the project website at www.charlottewater.org (click on “construction projects”) for updates on progress. If you have a question, please contact project manager Bill Deal, (980) 722-0786 or wdeal@charlottenc.gov.

Construction Activities to Expect

- **Park/Greenway closure** – Kirk Farm Fields and a portion of the Mallard Creek Greenway will be closed for project construction, expected through November 2021. Please note other segments of the Mallard Creek Greenway are closed for Charlotte Water's Toby Creek Outfall project.
- **Equipment and materials on site** – Crews will store construction equipment and materials within easements along the project site throughout construction. Kirk Farm Fields will also be used as an access and pipe staging site.
- **Trench digging, placing pipe and backfilling**
- **Customers may feel a rumble** – crews may remove rock formation by use of small scale blasting. Areas along the alignment where blasting is required will be determined and residents within 500 feet radius of the blasting sites will be contacted further. Blasting is a standard construction procedure in which holes are drilled into the rock for dynamite placement and covered with heavy mats or dirt. A seismograph monitor records all vibrations to ensure they are within specifications. All safety precautions will be taken. Customers may hear a warning horn, a muffled noise, and slight vibration or rumble similar to a slammed door or thunder.
- **Construction traffic** – Dump trucks will travel along the alignment, within the easements and roadway.



Project crew installs 16" pipe under Mallard Creek Church Road near Kirk Farm Fields Park.



After pipeline is installed, areas will be restored, which includes seeding.

Your News About the
Mallard Creek to UNCC Reclaimed Water Project

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